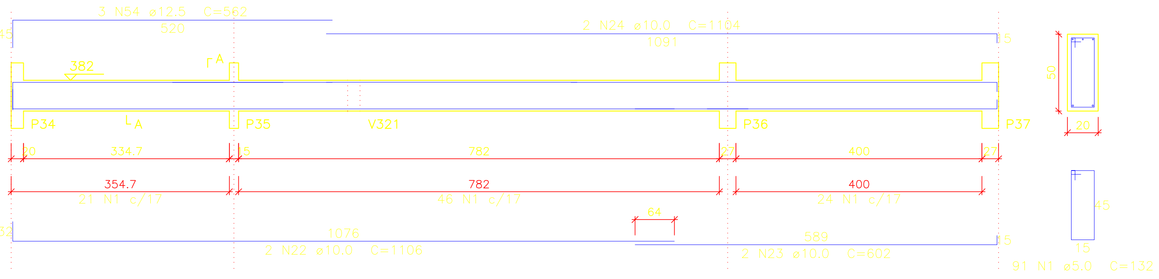
V300 (20 x 50)

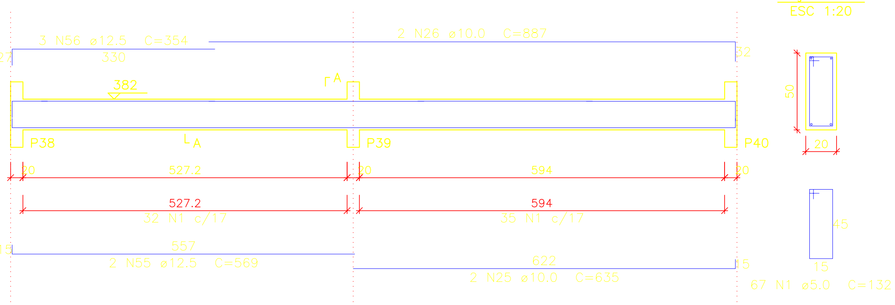
ESC 1:50



SEÇÃO A–A
ESC 1:20

V301 (20 x 50)

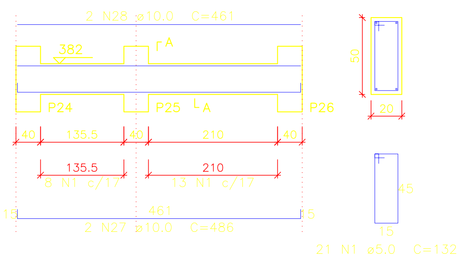
ESC 1:50



SEÇÃO A–A
ESC 1:20

V314 (20 x 50)

ESC 1:50



SEÇÃO A–A
ESC 1:20

Relação do aço

V300	V301	V310
V314	V315	V316
V317	V318	V319
V320	V321	V322
V323	V324	V325
V326	V327	V328
V329		

AÇO	N	DIAM. (mm)	QUANT.	C/UNIT (cm)	C/TOTAL (cm)
CA60	1	5.0	450	132	59400
	2	5.0	53	122	3806
	3	5.0	36	112	4032
	4	5.0	107	152	16264
	5	5.0	4	176	704
	6	5.0	47	142	6674
	7	6.3	54	167	9018
	8	6.3	14	132	1848
	9	6.3	1	78	78
	10	6.3	15	122	1830
	11	6.3	4	68	272
	12	6.3	33	152	4712
	13	6.3	4	96	384
	14	6.3	4	107	428
	15	6.3	1	99	99
	16	8.0	1	CORR	845
	17	8.0	6	528	3168
	18	8.0	6	895	5370
	19	8.0	6	88	528
	20	8.0	6	1051	6306
	21	8.0	6	1056	6336
	22	10.0	2	1106	2212
	23	10.0	2	602	1204
	24	10.0	2	1104	2208
	25	10.0	2	635	1270
	26	10.0	2	887	1774
	27	10.0	2	486	972
	28	10.0	2	461	922
	29	10.0	2	822	1644
	30	10.0	3	417	1251
	31	10.0	3	451	902
	32	10.0	2	1073	2146
	33	10.0	2	1048	2096
	34	10.0	1	230	230
	35	10.0	2	1178	2356
	36	10.0	1	220	220
	37	10.0	2	943	1886
	38	10.0	3	352	1056
	39	10.0	2	420	840
	40	10.0	2	354	1062
	41	10.0	2	355	710
	42	10.0	2	346	692
	43	10.0	2	369	738
	44	10.0	2	249	498
	45	10.0	2	270	540
	46	10.0	4	139	556
	47	10.0	2	334	668
	48	10.0	3	907	2721
	49	10.0	3	927	2781
	50	10.0	2	119	238
	51	10.0	2	1096	2192
	52	10.0	2	352	704
	53	10.0	2	378	756
	54	12.5	2	343	686
	55	12.5	2	132	264
	56	12.5	2	1072	2144
	57	12.5	2	1108	2216
	58	12.5	2	1067	2134
	59	12.5	3	906	2718
	60	16.0	1	345	345
	61	16.0	2	1196	2392
	62	16.0	2	735	1470
	63	16.0	3	449	1347
	64	16.0	3	539	1618

Resumo do aço

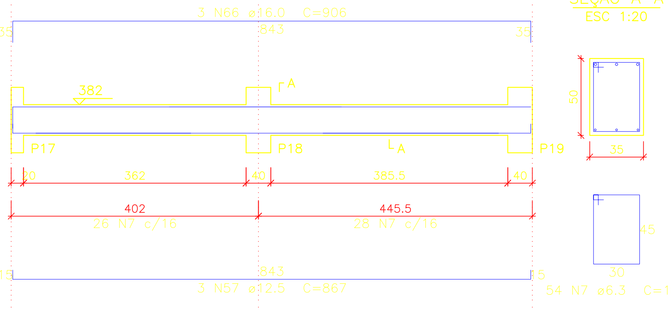
AÇO	DIAM. (mm)	C/TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	184.8	49.7
	8.0	226.2	98.1
	10.0	400.5	271.6
	12.5	197.7	209.5
	16.0	98.9	171.6
CA60	5.0	898.8	152.4

PESO TOTAL (kg)	
CA50	800.6
CA60	152.4

Volume de concreto (C-30) = 14.88 m³
Área de forma = 176.11 m²

V310 (35 x 50)

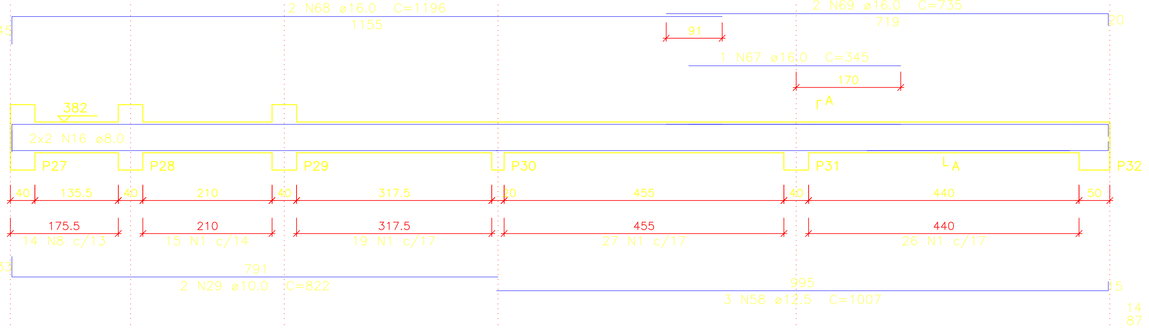
ESC 1:50



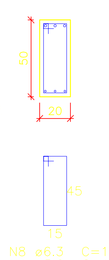
SEÇÃO A–A
ESC 1:20

V315 (20 x 50)

ESC 1:50

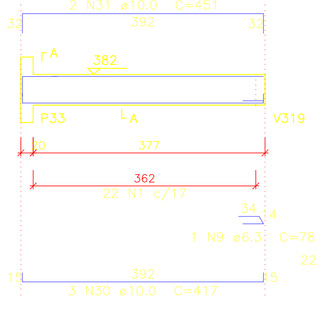


SEÇÃO A–A
ESC 1:20

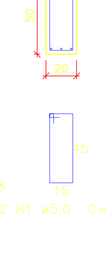


V316 (20 x 50)

ESC 1:50

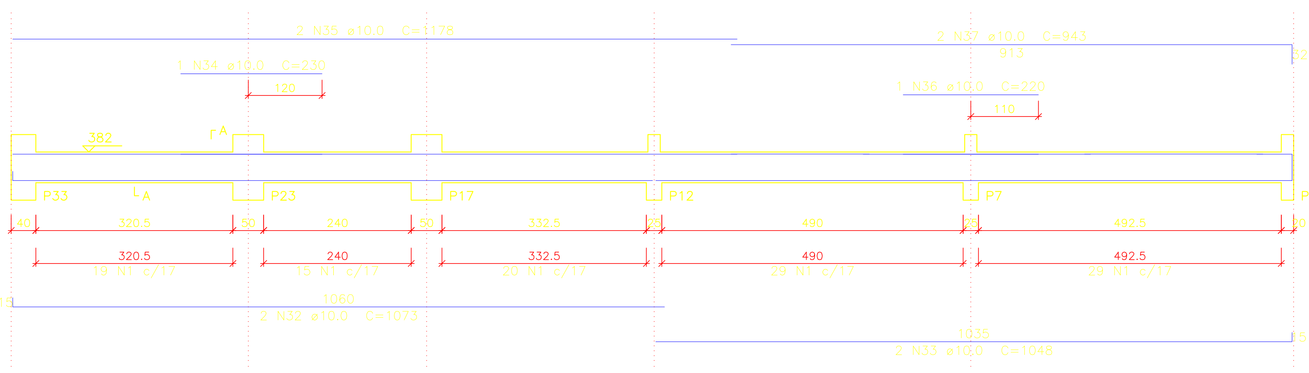


SEÇÃO A–A
ESC 1:20

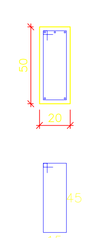


V317 (20 x 50)

ESC 1:50



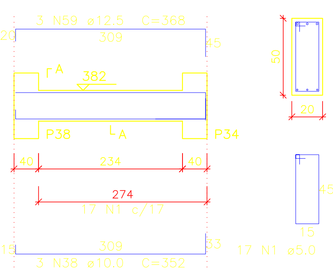
SEÇÃO A–A
ESC 1:20



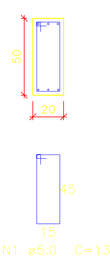
112 N1 ø5.0 C=132

V318 (20 x 50)

ESC 1:50

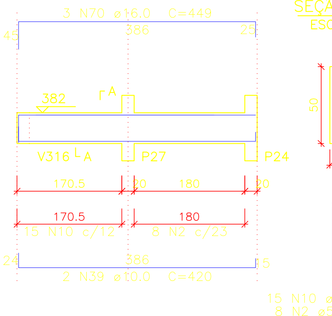


SEÇÃO A–A
ESC 1:20

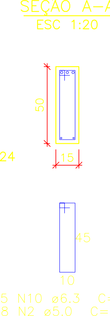


V319 (15 x 50)

ESC 1:50

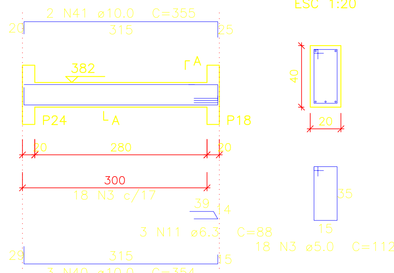


SEÇÃO A–A
ESC 1:20



V320 (20 x 40)

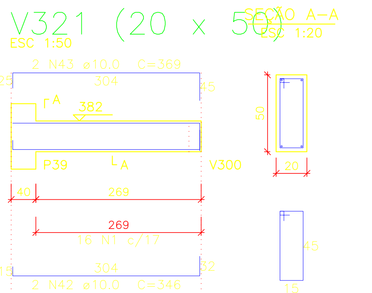
ESC 1:50



SEÇÃO A–A
ESC 1:20

V321 (20 x 50)

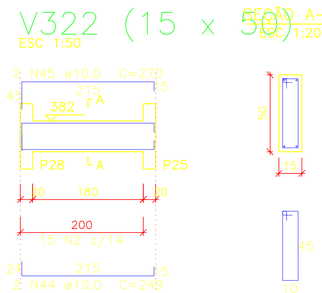
ESC 1:50



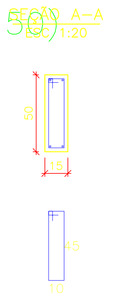
SEÇÃO A–A
ESC 1:20

V322 (15 x 50)

ESC 1:50

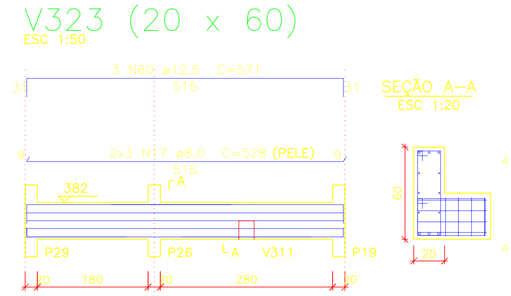


SEÇÃO A–A
ESC 1:20



V323 (20 x 60)

ESC 1:50

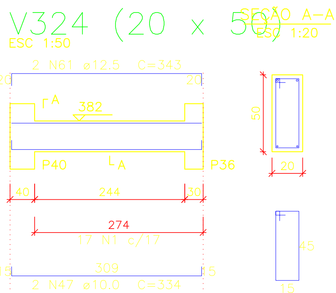


SEÇÃO A–A
ESC 1:20

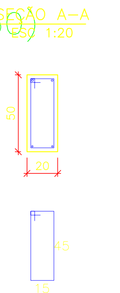
4 N14 ø6.3 c/8 C=107
4 N46 ø10.0 c/7 C=139
4 N13 ø6.3 c/8 C=96

V324 (20 x 50)

ESC 1:50

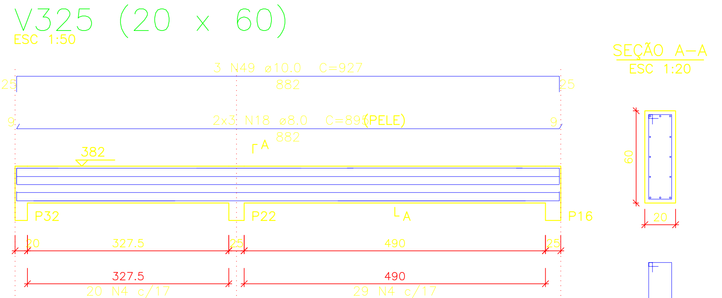


SEÇÃO A–A
ESC 1:20



V325 (20 x 60)

ESC 1:50

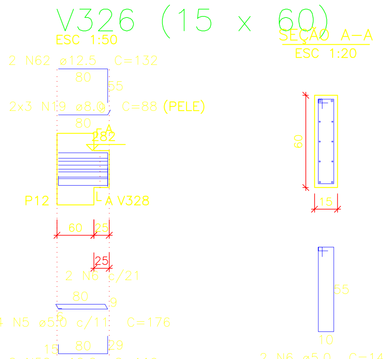


SEÇÃO A–A
ESC 1:20

49 N4 ø5.0 C=152

V326 (15 x 60)

ESC 1:50

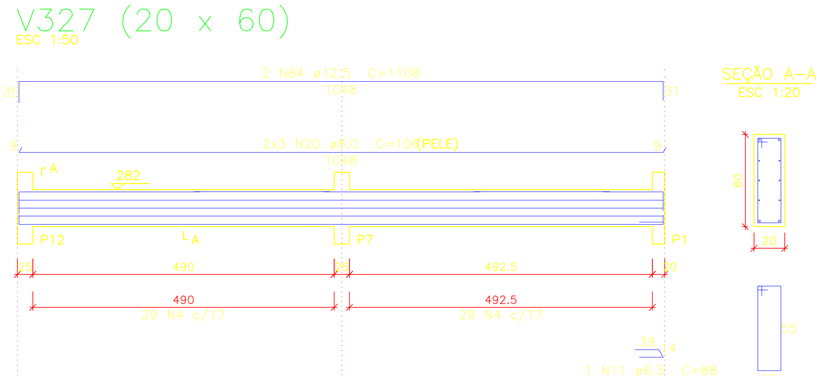


SEÇÃO A–A
ESC 1:20

2 N6 ø5.0 C=142

V327 (20 x 60)

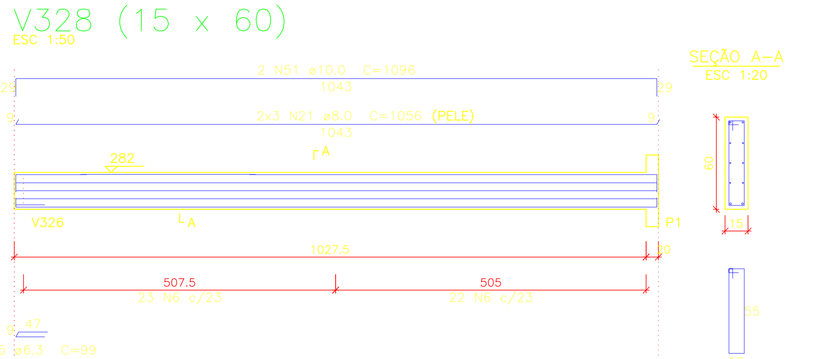
ESC 1:50



SEÇÃO A–A
ESC 1:20

V328 (15 x 60)

ESC 1:50

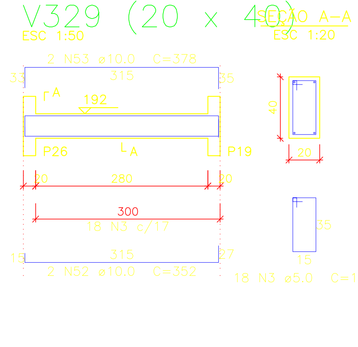


SEÇÃO A–A
ESC 1:20

35 N6 ø5.0 C=142

V329 (20 x 40)

ESC 1:50



SEÇÃO A–A
ESC 1:20